

EAST HERTFORDSHIRE COMBINED DISTRICTS.

Hertford (M.B.)	Sawbridgeworth (U.D.)
Hoddesdon (U.D.)	Ware (R.D.)
Bishop's Stortford (U.D.)	Braughing (R.D.)
Ware (U.D.)	Hertford (R.D.)

ANNUAL REPORT OF THE MEDICAL OFFICER (Alan D. Whitelaw, M.A., M.D., D.P.H.)

1946.

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Sanitary Inspectors:

JOHN BARNISH*	The Castle, HERTFORD (M.B.)
WM. NOEL DAVID*	Council Offices, HODDESDON (U.D.)
NORMAN F. CRIPPS*	The Council House, BISHOP'S STORTFORD (U.D.)			
CHAS. J. LUCAS*	...	...	...	The Priory, WARE (U.D.)
KENNETH STEENT† (To 30/4/46)				
H. C. BIRCH*† (6/5/46-28/9/46)				
JOHN ARTHUR YATES*† (from 3/6/46)				
LAWRENCE J. DALE*† (to 31/5/46)				
ALBERT D. G. GOULD*† (from 1/9/46)				
E. E. WATERIDGE†	...			Bridgefoot House, BUNTINGFORD
B. C. RICHARDS*†	...			BRAUGHING (R.D.)
W. D. WAINES*†	...	...	20, Castle Street, HERTFORD (R.D.)	

† Additional Sanitary Inspector.

* Certified Meat Inspector (Sanitary Inspectors' Examination Board).

† Also District Council Surveyor.

Preface.

The following Report on the Health of the Combined Districts has been drawn up on the lines indicated in the Circular issued by the Minister of Health.

These rates have been circulated on the Registrar-General's estimate of the resident population in 1946.

I am indebted to the respective Sanitary Inspectors for the information on Sanitary matters generally, Housing and Food Inspection.

ALAN D. WHITELAW,

THE CASTLE,

HERTFORD.

Medical Officer of Health.

Vital Statistics.

	Resident Population	Birth Rate.	Death Rate.	Infantile Mortality.
MUNICIPAL BOROUGH.				
Hertford	13,760	19.0	8.1	20
URBAN DISTRICTS.				
Hoddesdon	12,900	18.8	11.2	12
Bishop's Stortford ...	11,850	18.1	12.8	32
Ware	8,092	20.0	11.0	18
Sawbridgeworth	3,286	14.6	12.1	21
RURAL DISTRICTS.				
Ware	9,911	18.4	11.6	16
Braughing	9,172	16.3	13.6	53
Hertford	7,652	21.6	9.8	30
England and Wales ...		19.1	11.5	43

* Per 1,000 population.

** Per 1,000 births.

	BIRTHS				DEATHS	
	Legitimate	Illegitimate		TOTAL		
		Number	Per centage			
Hertford (M.B.) ...	247	7	2.8	140	114	112
Hoddesdon ...	226	17	7.5	124	119	145
Bishop's Stortford	196	19	9.6	110	105	153
Ware (U.D.) ...	160	2	1.2	83	79	89
Sawbridgeworth ...	46	2	4.3	25	24	36
Ware (R.D.) ...	151	32	2.1	86	97	115
Braughing ...	134	16	11.9	61	89	125
Hertford (R.D.) ...	143	23	16.0	75	91	75

Tuberculosis.

(New cases during 1946).

	Respiratory		Non-Respiratory		TOTAL
	M	F	M	F	
Hertford (M.B.) ...	10	5	3	4	22
Hoddesdon ...	4	0	4	0	8
Bishop's Stortford ...	7	4	—	3	14
Ware (U.D.) ...	1	1	0	0	2
Sawbridgeworth ...	0	1	1	0	2
Ware (R.D.) ...	3	3	1	0	7
Braughing ...	8	3	2	1	14
Hertford (R.D.) ...	4	3	1	8	16

Number of cases remaining on the Register at the end of the year.

	Respiratory		Non-Respiratory		Total
Hertford (M.B.) ...	39	27	7	10	83
Hoddesdon ...	40	12	26	7	85
Bishop's Stortford ...	28	23	2	16	69
Ware (U.D.) ...	17	19	6	11	53
Sawbridgeworth ...	4	4	8	1	17
Ware (R.D.) ...	15	16	10	17	58
Braughing ...	21	11	7	11	50
Hertford (R.D.) ...	15	4	14	9	42

Laboratory Facilities.

Bacteriological Examinations are carried out at the Emergency Public Health Laboratory, Hertford County Hospital.

East Herts Isolation Hospital.

Medical Superintendent:

R. H. MORTIS, M.R.C.S. (ENG.), L.R.C.P. (LOND.)

The Isolation Hospital at Gallows Hill, Hertford, has accommodation for 76 patients with 5 wards and a Cubical block, consisting of 10 cubicles.

CAUSES OF DEATH.	Hertford M.B.		Hoddesdon		Bishop's Stortford		Ware U.D.		Ware R.D.		Braughing R.D.		Hertford R.D.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES	65	47	76	69	71	82	35	54	20	16
Zymotic diseases	0	0	2	0	0	0	0	0	0	0
Influenza	0	0	1	4	0	0	2	3	0	0
Tuberculosis (all forms)	4	0	1	2	2	0	0	1	2	0
Syphilitic diseases	0	0	1	0	0	1	0	0	0	0
Cancer	6	4	9	13	11	17	7	11	2	3
Diabetes	0	0	0	0	2	0	0	0	1	0
Intracranial Vascular Lesions	5	5	12	5	12	13	1	8	0	5
Heart disease	20	18	18	23	13	17	7	16	11	6
Other circulatory diseases	1	5	11	2	7	6	3	3	1	8
Bronchitis	4	1	2	3	2	5	1	1	3	1
Pneumonia	1	1	3	1	2	2	0	0	0	2
Other respiratory diseases	0	0	1	0	0	0	1	0	1	2
Ulcer of stomach or duodenum	1	0	1	0	0	0	0	0	0	0
Diarrhoea (under 2 years)	0	0	0	0	0	0	0	0	0	0
Appendicitis	0	0	2	1	4	2	1	1	0	0
Other digestive diseases	4	0	1	4	2	1	4	1	1	0
Nephritis	3	2	0	0	1	2	3	0	2	2
Pregnancy and childbirth	—	0	—	0	—	0	—	0	—	0
Birth injuries: infant diseases; premature births	0	3	2	2	2	3	2	0	0	4
Suicide	0	2	0	3	1	0	1	0	1	0
Road Traffic Accidents	2	0	2	0	1	0	0	2	3	0
Other violent causes	5	0	1	2	0	0	1	1	1	0
All other causes	9	7	4	7	6	5	3	1	3	4
Still Births	4	4	3	3	2	0	3	2	1	2
Deaths of infants under 1 year of age	1	4	3	0	3	4	2	1	0	5

PROPAGANDA.

Diphtheria Immunisation.

The National Campaign was supported by all the districts as follows:—

Press Advertising.

Three advertisements, stating the facilities available, e.g., dates and times of Clinics were inserted in separate issues of:—

The Hertfordshire Mercury, by Hertford Borough, Ware Urban District, Braughing, Hertford and Ware Rural Districts.

The Herts and Essex Observer, by Bishop's Stortford and Sawbridgeworth Urban Districts, and

The Hoddesdon Journal, by Hoddesdon Urban District Council.

Publicity Material.

Posters issued by the Ministry of Information for the Ministry of Health and the Central Council for Health Education, were displayed in the Council Offices, Welfare Centres and Offices of the Ministry of Food as well as on Public Notice Boards.

Cinema Slides giving information of the times when Immunisation was carried out at the County Council Welfare Centres, were shown at the Hertford, Bishop's Stortford and Ware Cinemas.

Leaflets.

The Minister of Health's letter to Parents was distributed by the Health Visitors and School Nurses.

Contamination of Food.

A Circular Letter drawing attention to the Necessity for a High Standard of Personal Cleanliness on the part of all Food Handlers was sent out to all Premises where Food intended for Human Consumption was Manufactured and Retailed.

A copy of the Lavatory Display card "*Now wash your hands please,*" issued by the Central Council for Health Education, was also included.

Borough of Hertford.

WATER SUPPLY.

The water supply over the whole area of the Borough has been satisfactory both in quality and quantity.

All the water is chlorinated before going into supply.

It is examined chemically twice a year and bacteriologically examined once a month; the results have been consistently good.

With the exception of 18 houses (of which 15 are in the village of Hertingfordbury), there is a piped supply throughout the Borough.

The following houses have been connected to the main water supply :

Station House Hertingfordbury.

Numbers 229, 231, 233, 235, 237, 239 and 241 Hertingfordbury, (two stand pipes outside the houses).

DRAINAGE and SEWERAGE.

The method of disposal of the sewerage of the town is by the pre-settled activated sludge process, and the resulting effluent is ultimately discharged into the River Lee.

REFUSE DISPOSAL.

There is a weekly collection, in covered freighters, of refuse which is disposed of by controlled tipping on Hartham.

PARTICULARS OF SANITARY INSPECTOR'S WORK during the Year 1946.

Inspection of District.

	Number of Visits	-	-	-	1585
Dwelling-houses (Public Health Acts)	-	-	-	-	135
Dwelling-houses (Housing Acts)	-	-	-	-	24
Dwelling-houses (Overcrowding Survey)	-	-	-	-	455
General Inspections	-	-	-	-	97
Re-Inspections and Visits	-	-	-	-	368
Interviews at Properties	-	-	-	-	76
Complaints investigated	-	-	-	-	101
Visits re Cases of Infectious Disease	-	-	-	-	22
Disinfections	-	-	-	-	10
Food Inspections	-	-	-	-	159
Food Samples	-	-	-	-	8
Milk Samples	-	-	-	-	4
Schools	-	-	-	-	3
Miscellaneous	-	-	-	-	123

<i>Registered and Licensed Premises Inspected</i>					207
Factories	-	-	-	-	12
Bakehouses	-	-	-	-	24
Cowsheds	-	-	-	-	37
Dairies	-	-	-	-	38
Meat Stores	-	-	-	-	49
Ice-cream Premises	-	-	-	-	23
Common Lodging Houses	-	-	-	-	24
<i>Total Number of Visits</i>					<u>1792</u>

<i>Notices Served.</i>					
Informal Notices (verbal)	-	-	-	-	21
,, ,, (written)	-	-	-	-	28
Statutory Notices	-	-	-	-	—
Improvements carried out	-	-	-	-	111

Contraventions on Registered Premises.

Factories	-	-	-	-	-	8
Bakehouses	-	-	-	-	-	5
Cowsheds	-	-	-	-	-	3
Food Premises	-	-	-	-	-	4
Common Lodging House	-	-	-	-	-	1

Public Health Acts.

Cemetery Lodge, North Road.

The drainage system has been reconstructed and connected to the Corporation sewer; a pail closet has been abolished, and the house provided with a flush water closet, sink and bath.

Common Lodging House, Railway Street—The White House.

This is the only Common Lodging House within the Borough. The house provides nightly accommodation for 32 men; the number of men accommodated during the year was 6,156, a nightly average of 17 men. The house is generally well conducted.

Factories Act, 1937.

Factories:—Number of inspections and visits	-	12
Bakehouses ,, ,, ,, ,, ,,	-	24

During the year, references in regards to defects at 7 factories were received from H.M. Inspector of Factories, two of the contraventions were remedied and plans submitted for new sanitary accommodation at one factory.

HOUSING.

Overcrowding.

During the year investigations in respect to the housing circumstances at 455 houses have been carried out, necessitating 659 visits; the investigations were mostly concerned with applications for houses. An analysis of the information provided by the survey is as follows:—

Houses not overcrowded	-	-	-	-	271
Houses overcrowded	-	-	-	-	26
Houses partially overcrowded— rooms in occupation of applicant	-	-	-	-	66
Borderline cases of overcrowding	-	-	-	-	11
Applicants found to have moved	-	-	-	-	81

Abatement of overcrowding.

Cases of overcrowding abated during 1946, are as follows:—

Re-houses by Corporation	-	-	-	-	6
By Occupant of house	-	-	-	-	1
Cases of partially overcrowded houses abated.					
Re-housed by Corporation	-	-	-	-	21
By Occupant of house	-	-	-	-	1

Housing Progress.

Houses built by private enterprise during the year	-	-	-	-	5
Flats	“	“	“	“	2
Dwellings rebuilt (war damaged) during the year	-	-	-	-	2
Houses built by Local Authority during the year—					
(a) Temporary prefabricated bungalows, Uniseco type					
Mark III at Horns Mill	-	-	-	-	50
(b) Conversions.					
1 house at Port Hill	} into flats	-	-	-	5
1 „ in Ware Road		-	-	-	

INSPECTION and SUPERVISION OF FOOD.

Milk Supply.

Number of Registered Producers	-	-	-	-	11
„ Producer/Retailers	-	-	-	-	2
„ Retail Purveyors of milk	-	-	-	-	1
„ Retail Purveyors of milk (Premises outside Borough)	-	-	-	-	2
Number of inspections of Cowsheds	-	-	-	-	37
„ inspections of Dairies	-	-	-	-	38

During the year one application for registration as cowkeeper and producer of milk, for sale, has been received.

The registration was not approved, the premises being unsuitable.

Milk (Special Designations) Orders, 1936—1938.

Licenced Producers of "Tuberculin Tested" Milk	5
Licenced Producer/Retailers of Tuberculin Tested Milk	—
Dealers Licences to sell "Tuberculin Tested" Milk	1
Supplementary Dealer licence to sell "Tuberculin Tested" Milk	1
Supplementary Dealers licence to sell "Pasteurised" Milk	2

Jenningsbury Farm, Balls Park.

The cowshed and dairy have been improved to comply with requirements for the production of "Tuberculin Tested" milk.

The improvements included, sterilization equipment, cooling room and refrigeration plant.

Windyridge, Bramfield Road.

A Lactory for the supply of "Tuberculin Tested" milk, has been established and approved during the year.

Milk Samples.

During the year, four samples of "Designated" milk, viz., three "Tuberculin Tested" and one "Accredited" were submitted for bacteriological examination. The pathologist reported the samples to be satisfactory.

Ice Cream Premises.

The number of registered premises for the sale of Ice-cream within the Borough is:—

Registered dealers	11
Registered Producer/dealer	1

During the year, 23 inspections have been made to the registered premises. It was found that in three instances a change of occupant had occurred. The new occupants were duly registered.

Inspection of Meat and Other Foods.

During the year a considerable amount of time has been taken up with food inspection. The duties have necessitated 159 visits for examination purposes and the issue of 169 Certificates of Condemnation of Foodstuffs.

The foodstuffs dealt with are set out as follows :—

Canned Foodstuffs.

Corned Beef	410	containers	1693 $\frac{3}{4}$	lbs.
Corned Mutton	972	"	897	"
Meat Products	55	"	80 $\frac{3}{4}$	"
Milk	189	"	166 $\frac{3}{4}$	"
Fish	55	"	47 $\frac{1}{2}$	"
Fruit	16	"	52 $\frac{3}{4}$	"
Vegetables	312	"	368 $\frac{3}{4}$	"
Preserves & Jams	13	"	21	"
Miscellaneous	37	"	47 $\frac{3}{4}$	"

1 ton 10 cwt. 6 lbs.

In regard to the canned mutton, 940 tins were part of a consignment of salved foods, the tins were blown and perforated, due to serious erosion. By arrangement with the Ministry of Food, the foodstuffs were taken over for manufacture of animal feeding stuffs, at an authorised establishment.

Fish.

Herrings	1,771	lbs.	Plaice	66	lbs.
Codfish	330	"	Bloaters	56	"
Mackerel	196	"	Mixed Fish	94	"
Kippers	115	"	Prawns	147	"
Skate	112	"	Fish Cakes	36	"
Haddock	70	"			
Total weight	...		1 ton	6 cwt.	81 lbs.

Miscellaneous Foodstuffs.

Butter	4 $\frac{1}{2}$	lbs.	Split Peas	112	lbs.
Margarine	19	"	Dates	30 $\frac{3}{4}$	"
Lard	1 $\frac{1}{2}$	"	Prunes	4	"
Cheese	19 $\frac{3}{4}$	"	Apple Rings	$\frac{3}{4}$	"
Sugar	17	"	Liquorice All Sorts		
			(Sweets)	7 $\frac{1}{2}$	"
Flour	10	"	Ox Head & Tongue	35	"
Oats	2	"	Bacon	10 $\frac{3}{4}$	"
Oatmeal	100	"	Sausages	90	"
Total weight	...		4 cwt	16 $\frac{1}{2}$	lbs.

Total weights of foodstuffs;—

	tons	cwts.	lbs.
Food in containers	1	10	6
Fish	1	6	81
Miscellaneous Foodstuffs		4	$16\frac{1}{2}$
Total	3	0	$103\frac{1}{2}$

Food Samples.

In June, samples of various reserve American canned Foodstuffs were submitted for bacteriological examination, the samples included de-hydrated Pea Soup, Tomato Soup, Black Bean Soup, Banana Flakes, Apple Flakes, Powdered Milk, Concentrated Orange Juice, and Grape Fruit Juice.

The report of the bacteriologist was, that with the exception of the Grape Fruit Juice, the foodstuffs were suitable for human consumption.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

	TOTAL	Under 1 year	1-5 years	5-14 years	14-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	0	0	0	0	0	0	0	0
Diphtheria	2	0	0	1	0	1	0	2	1
Scarlet Fever	7	0	1	5	0	1	0	7	0
Erysipelas	1	0	0	0	0	1	0	1	0
Enteric Fever	0	0	0	0	0	0	0	0	0
Cerebro-spinal Meningitis	0	0	0	0	0	0	0	0	0
Acute Polio-myelitis	1	0	0	0	0	1	0	0	0
Ophthalmia Neonatorum	0	0	0	0	0	0	0	0	0
Puerperal Pyrexia	3	0	0	0	0	3	0	3	0
Dysentery (Sonne)	0	0	0	0	0	0	0	0	0
Acute primary Pneumonia	2	0	1	0	0	1	0	1	0
Measles	4	0	1	2	0	1	0	0	0
Whooping Cough	5	0	5	0	0	0	0	0	0
Jaundice (Hepatitis)	1	0	0	0	0	1	0	1	0
Para-Typhoid	1	0	0	1	0	0	0	0	1

INCIDENCE OF INFECTIOUS DISEASES during the different
Months.

Scabies Order, 1941.

The Gas Cleansing Station at the rear of the Infant Welfare Centre, Bull Plain, continued to be used as a Scabies Treatment Centre.

Women and Children were treated by the District Nurses and men by an employee of the Corporation.

During the year 1946, the number of persons treated at the Centre was :—

Children under 14 years of age	27
Adults (Men 0, Women 10)	10

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed a full course of Immunisation during 1946 ...	218
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Number of Children under 15 who had received re-inforcing dose	111
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Number of Children who had completed the full course of Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 i.e. Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	2	103	142	118	52	135	119	671
Estimated mid-year population 1946		1020				2000		

II. DIPHTHERIA NOTIFICATIONS AND DEATHS IN RELATION TO IMMUNISATION.

CASE I. A child of 4 years of whom there was no record of immunisation. Treated at the Isolation Hospital and recovered.

CASE II. A soldier of 26 years on release leave, arrived ill from Germany and died in the Isolation Hospital. No information as to previous immunisation could be obtained.

Hoddesdon Urban District.

WATER.

Except for slightly less than 25% of the whole, the district has a constant supply from public mains, which in nearly all cases is laid on direct to each house (only a few houses relying on standpipes). There are approximately sixty houses in the district without main supply and these are principally in the remote and undeveloped parts of the district. In addition there are sixteen houses which derive their water from a private supply.

The Northern end of the district is served by the Metropolitan Water Board. The extension in the area of supply transferred to the Board has now taken place. The Council's own water undertaking covers the remainder of the district, all the water being chlorinated. The supply was satisfactory in quantity.

It was not found possible to sample the raw water, but six bacteriological examinations were made of the treated water and were reported as being satisfactory.

Sixteen houses in Nursery Road derive their water supply from a deep bore hole in an adjoining nursery. Analysis proved the supply to be fit for domestic purposes.

During the year one sample of water was taken from a factory with its own supply and passed the required tests.

Woollensbrook.

A further three samples of water were taken from a shallow well serving three cottages in Woollensbrook. Two samples were submitted for bacteriological examination and one for chemical analysis. In all cases the water was reported to be unsatisfactory.

Negotiations were continued with the Metropolitan Water Board to extend their main, in order to provide a water supply to properties in the Woollensbrook Area.

In October the Council made a formal requisition under Section 138 of the Public Health Act, 1936, as amended, and Section 36 of the Water Act, 1945, undertaking to pay any deficit between the annual income and one-seventh of the cost of the extension. Two owners have agreed to make a yearly contribution and one owner a lump sum, towards the cost.

Complaints received	...	...	...	...	161
Number of letters sent	...	...	...	...	930
Number of informal Notices served	...	...	...	...	90

Drainage and Sanitary Arrangements.

Drains Tested	...	...	...	...	33
Drains provided, improved, relaid or repaired	...	...	...	...	9
Drains cleared	...	...	...	...	22
Improvements to Soil Pipes, Vent. Shafts, Inspection Chambers, etc.	...	...	...	...	8
Inspection Chambers provided	...	...	...	...	2
Baths, Sinks and Basins provided	...	...	...	...	9
Waste Pipes, provided, improved and trapped	...	...	...	...	15
New W.Cs. provided	...	...	...	...	1
New Pans and traps provided to W.Cs.	...	...	...	...	9
New Flushing Cisterns provided to W.Cs.	...	...	...	...	3
W.C. Flushing Cisterns repaired	...	...	...	...	11
Urinals improved	...	...	...	...	2
Dustbins provided	...	...	...	...	67
W.Cs. repaired	...	...	...	...	16

Dwelling Houses, etc.

Yards paved or repaired	...	...	...	...	11
Roofs, Gutters and Rainwater Pipes repaired	...	...	...	...	74
Water Butts provided	...	...	...	...	1
Dangerous and Unauthorised Structures removed or rebuilt	...	...	...	...	2
External Walls repaired	...	...	...	...	12
Chimney Stacks repaired	...	...	...	...	2
Firegrates provided or repaired	...	...	...	...	13
Damp-proof Courses provided	...	...	...	...	2
Dampness remedied	...	...	...	...	18
Floors repaired or renewed	...	...	...	...	16
Floors ventilated	...	...	...	...	2
Rooms—Walls and Ceilings repaired and redecorated	...	...	...	...	108
Windows and Doors provided or repaired	...	...	...	...	26
External Window sills repaired	...	...	...	...	3
Ventilation improved	...	...	...	...	1
Washing Coppers provided or repaired	...	...	...	...	6
Staircases repaired	...	...	...	...	1
Handrails provided	...	...	...	...	3
Offensive Accumulations removed	...	...	...	...	2

Disinfections.

Disinfections were carried out in consequence of infectious diseases (including Tuberculosis) in fifteen dwelling houses.

Eradication of Bed Bugs.

During the year eight houses were treated for bug infestation. One was a Council house and one a requisitioned property. The same method of disinfection was followed as in previous years.

Public Health Act, 1936.

Fourteen Statutory Notices were served under Section 93 of the above Act, for the abatement of nuisances, mainly items of disrepair and sanitary defects in dwelling houses, all of which were remedied. It was necessary to make arrangements with the owner of two properties, for the Council to undertake the execution of the works and recover the cost by the collection of rent from the tenants.

Fifty-one Statutory Notices were served under Section 75 of the above Act, for the provision of dustbins at various addresses in the district.

Inspection of Factories—Factories Act, 1937.

Sixty-one visits and inspections were made during the year.

Sanitary accommodation was provided to one factory.

HOUSING.

Overcrowding.

During the year it was possible to abate the overcrowding in three Council houses and nine privately owned houses, through the allocation of prefabricated bungalows and new permanent houses.

In addition, overcrowding in two Council houses and one other house has been partially relieved.

Thirty-one cases of overcrowding came to notice during the year, which included fourteen cases in Council houses.

Housing Progress.

Houses built by Private Enterprise during the year	27
Houses built by Local Authority during the year—	

(a) Temporary Prefabricated Bungalows	38
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(Type Uniseco Mark 3)

10 in Cozens Lane East

2 in Cozens Lane West

10 in Macers Close, Wormley

7 in Hertford Road

9 in Haward Road

(b) Permanent Houses. 3 Bedroom type	-	-	-	12
4 in Westlea Road				
6 in Westlea Close, Wormley				
2 in Old Highway, Hoddesdon				

One property No. 112, High Street, Hoddesdon, was requisitioned during the year and, after reconditioning, was used to house a homeless family.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

Number of registered producers	...	...	...	8
Number of retail purveyors of milk	...	...	...	11
Number of retail purveyors of milk by round from outside the district	...	...	...	3

The Cowsheds and Dairies have been frequently inspected and a total of 86 visits has been made.

One new Cowshed has been constructed during the year, replacing a dilapidated building.

Milk (Special Designations) Orders, 1936 & 1938.

Retailers licences in respect of Tuberculin Tested Milk	...	6
Supplementary retailers licences in respect of Accredited Milk	0	
Supplementary retailers licences in respect of Pasteurised Milk	1	
Supplementary retailers licences in respect of Tuberculin Tested Milk	...	...

One of the six licences to retail Tuberculin Tested Milk was issued when a business changed hands.)

Milk Samples.

Eighteen samples of milk were submitted for bacteriological examination during the year.

Particulars of the reports on the samples taken are given below:—

- 5 Tuberculin Tested
- 6 Pasteurised
- 2 Accredited
- 5 Ungraded

Two samples were unsatisfactory. The milk in each case was imported into the district and the information in each case was passed to the Sanitary Authority of the area where the milk was produced.

Meat and Other Foods.

Visits paid to food premises during the year amount to eighty-eight.

Slaughterhouses in District 4

Inspections: One visit only was made to a slaughterhouse during the year.

Unsound Food.

The following foods were found to be unfit for human consumption and were surrendered:—

5 lbs. 13 oz. Imported Boneless Shoulder Pork
 22½ lbs. Shoulder Bacon
 18¾ lbs. Gammon
 27½ st. Dog Fish
 ½ st. Ray Fish
 6 st. Cod
 10 st. Whiting
 12 st. Skate
 12 st. Herrings
 28 lbs. Trimmings Cheese
 1 cwt. Flour
 4 x 11 oz. Jars Mixed Pickles
 146 lbs. Grapes
 61 lbs. Oranges
 14 lbs. Chocolate Drops

Canned Foodstuffs.

Corned Beef	...	11 containers	...	6¾ lbs.
" Mutton	...	1	"	6 "
Meat Products	...	17	"	24¾ "
Milk	...	35	"	35 "
Fish	...	14	"	12 "
Vegetables	...	57	"	55 "
Preserves & Jams	2	"	...	4 "
Miscellaneous	...	10	"	7¾ "
		WEIGHT	1 cwt.	44¾ lbs.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

INCIDENCE OF INFECTIOUS DISEASES during the different Months.

Prevalence of Measles in the different Wards.

<i>No. of Cases.</i>	<i>Wards.</i>
15	Rye Park
34	Hoddesdon
9	Broxbourne
7	Wormley

Scabies.

Women and children were treated at the Gas Cleansing Section of the First Aid Post situate at the rear of the Council Offices by a private State registered nurse, and the men by a Council employee.

Where convenient, families were treated in their own homes. A total of 66 cases was treated for Scabies during the year, together with 4 contacts.

<i>Adults</i>	<i>Children</i>
41 (plus 1 contact)	25 (plus 3 contacts)

In addition 8 cases were treated by Ware Urban District at times when the boiler was out of order or the local staff were not available.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
a full course of Immunisation during 1946 ... } 155

Number of Children under 15 who had received }
re-inforcing dose } 114

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 i.e. Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	3	99	153	109	84	689	885	2022
Estimated mid-year population 1946		940				1860		2800

Insulin.

During 1946, five persons were supplied with Insulin free of charge. Two persons were supplied at half cost.

Bishop's Stortford Urban District.

WATER.

The supply from the Pumping Station augmented by that from Pumping Plant at the Council Depot was satisfactory in quantity and quality. All the water supply is treated by chlorination. Chemical and bacteriological tests are made each quarter, and the results indicate that the water is wholesome and entirely satisfactory.

There are 54 houses not on the main supply (28 of these are in Thorley.)

There are still several blocks of cottages supplied by standpipes situated in private yards.

DRAINAGE AND SEWERAGE.

No alteration took place to the Public Sewerage System.

PUBLIC CLEANSING.

Refuse is disposed of by Tipping, on land adjoining the Castle grounds.

PARTICULARS OF SANITARY INSPECTOR'S WORK during the Year.

Inspection of the District.

<i>Total number of visits</i>	...	...	...	...	...	...	3844
Dwelling houses inspected for Housing Defects	...						302
Re-visits to dwelling-houses including works in progress							665
Premises inspected on complaint for nuisances other than Housing Defects	...	...	...	...	...	...	34
Re-visits to premises where a nuisance was found to exist							35
Special and miscellaneous visits	...	...	...	...	...	...	301
Interviews with owners, etc., at properties	...	...	...	...	...	...	129
Visits re Infectious Disease including Tuberculosis	...						36
Visits re Scabies, etc.	...	...	...	...	...	...	43
Visits to Slaughterhouses	...	...	...	...	...	...	104
,, Dairies, Cowsheds, etc.	...	...	...	...	...	...	67
,, Bakehouses	...	...	...	...	...	...	22
,, Butchers' Shops	...	...	...	...	...	...	33
,, Fish Shops	...	...	...	...	...	...	15
,, Cafes and Restaurants	...	...	...	...	...	...	57
,, Ice-cream Premises	...	...	...	...	...	...	35
,, other Food Shops, Stores, etc.	...	...	...	...	...	...	80
,, Markets	...	...	...	...	...	...	59
,, Factories	...	...	...	...	...	...	39

Visits to Workplaces, Offices and Shops...	...	...	30
,, Places of Entertainment	...	...	2
,, Schools	...	...	19
,, re Petroleum Acts	...	...	19
,, re Building Byelaws	...	...	669
,, to Rat Infested premises	...	...	4
,, Stables and Piggeries	...	...	3
,, Outworkers' premises	...	...	2
,, Council Houses	...	...	369
,, property requisitioned for housing purposes	...	...	158
,, re Emergency Housing Accommodation	...	...	3
,, Application for Housing Accommodation	...	...	170
,, Housing Survey	...	...	221

Complaints and matters referred.

Complaints received	...	...	...	264
Complaints investigated	...	...	...	223
Complaints referred to other Departments & Authorities				*63
Other matters referred to other Departments & Authorities				43

*Including 33 complaints of infestation by either rats or mice.

Testing of Drains and Sanitary Fittings

Drains tested with water	...	...	...	54
Drains tested by other means	...	...	...	4

Notices Served and the result of the service of such notices.

Preliminary Notices.	No. served.	No. complied with.
(a) Dwelling houses for Housing Defects	266	273
(b) Premises for other than Housing Defects	10	15
(c) Special premises (shops, factories, etc.)	48	45

Statutory Notices.	No. served.	No. complied with.

Housing Act, 1936.

Section 9, to render a house fit for human habitation	0	1
---	-----	-----	---	---

Public Health Act, 1936.

Section 93, to abate a nuisance at a dwelling house	...	...	2	1
Section 75, to provide a suitable covered dustbin	...	...	11	9
Section 45, to put defective closet into repair	...	...	1	1
Section 287, to enter premises	...	...	1	1

N.B.—The number of notices complied with may include notices outstanding from a previous year.

Summary of Sanitary Improvements effected.

	At dwelling houses	At Special Premises	At various premises for other than Housing defects
Existing houses connected to Sewer	... 1	0	0
Drainage Systems repaired, unstopped, etc.	30	7	0
Water Closets repaired, screened, etc.	... 52	12	0
Water Closets reconstructed or new provided	0	4	0
Dampness remedied (roofs, gutters, etc., repaired)	... ... ... 60	2	0
Floors repaired	... ... ... 24	7	0
Sink and waste pipes renewed or repaired	29	2	0
Windows and doors repaired	... ... 53	0	0
Ranges, grates, etc., repaired or renewed	... 26	0	0
Rooms cleansed	... ... ... 39	21	0
Accumulations removed	... ... ... 0	4	4
Dustbins provided	... ... ... 160	4	0
Miscellaneous	... ... ... 39	5	8

Disinfection and Disinfestation.

	Rooms disinfected with Formaldehyde Lamps.	Parcels of bedding passed through Steam Disinfector.	Houses disinfected with hydrogen cyanide.	Houses disinfected by other means.	4oz. tins of Iza! issued.	1 p.t. bottles of Zaldecide issued.
Following infectious Disease	9	5	...	...	13	...
Following other diseases	3	3	...	...	1	...
Following vermin infestation at						
(a) Council Houses	....	....	....	1	....	9
(b) Other Houses	....	....	....	3	....	4
TOTALS	12	8	...	4	14	13

HOUSING.

The continued necessary concentration of the building industry upon the provision of new houses again prevented any attempt to secure the reconditioning required to much of the smaller house property of the district and it is therefore desirable to again emphasize that a large proportion of this property is still further falling into a state of very bad disrepair. It was only possible, after repeated requests to builders and owners in many instances to obtain the remedying of the more serious defective conditions reported to the office by complaint.

A Survey, having as its object the supply of complete detailed information of the structural and other conditions existing at all house property of less than Twenty Pounds Rateable Value, was commenced in September.

In August and September a survey of the conditions existing on the Council's Housing Estates was made and it was shown that there were 20 families living in statutorily overcrowded conditions and another 20 families living in difficult circumstances. The erection of the new houses in 1947 on the Havers Lane Site would improve the unsatisfactory conditions.

During 1946 private enterprise built 18 new houses and made available by conversion and adaptation 7 other premises for housing purposes. At the end of the year 23 families were being accommodated in requisitioned properties and another 2 families in emergency housing accommodation. By the end of the year the Council had erected 33 temporary prefabricated bungalows (Uniseco Mark III type) in Dimsdale Crescent.

Factories.

For the purpose of administration by the Factory Department of the Ministry of Labour and National Service the Urban District was transferred during the year from the London to the Cambridge area. H. M. Inspectors of Factories referred 7 complaints to the Urban District Council during the year and informal action was taken in all cases to secure the remedying of any defects or the execution of any necessary works.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supplies.

The cowsheds, dairies and milk vehicles in use within the district were inspected at frequent and irregular intervals throughout the year and were on all occasions found to be maintained in a reasonably satisfactory condition. It will, however, be noticed that a gradual reduction is taking place in the number of producers and retailers of milk operating in the district and at the end of the year there were only two producers of any consequence and five retailers remaining on the Register. Of the latter the major undertaking is that of the Bishop's Stortford Dairy Farmers Limited who now retail milk in many of the adjoining areas as well as covering a large part of the Urban District itself.

Nature of Registration.	No. Registered.	No. selling Accredited.	Designated Milk. T.T.	Designated Milk. Pasteurised.
Producer Retailers and/or Wholesalers - -	3	2	0	0
Retail Purveyors resident in the district - -	3	0	3	3
Retail Purveyors resident outside the district -	2	1	0	0

During the year 120 samples of milk were submitted for examination at the Emergency Public Health Laboratory and for the second year in succession all Pasteurised samples were satisfactorily reported upon. In fact, only 7 of the samples failed to reach the required standard which is an exceptionally low percentage when compared with 1944 and 1945.

Designation (if any).	No. of Samples taken.	No. Satisfactory.	No. Unsatisfactory.
Accredited - -	23	20	3
Pasteurised - -	38	38	0
Tuberculin Tested -	17	13	4
Tuberculin Tested- Pasteurised - -	42	42	0

Meat and Other Foods—Inspection.

Number of Bakehouses	...	...	...	10
„ „ Butcher's Shops	...	...	...	13
„ „ Fish Shops	...	...	...	7
„ „ Other Food Shops	...	...	...	59
„ „ Cafes and Canteens	...	...	...	18
„ „ Licensed Premises	...	...	...	59
„ „ Miscellaneous Food Premises	...	...	...	12

It was possible during the year under review to obtain a number of improvements and alterations to food premises in the district but there are still many structural conditions that require attention. Further, the use of cracked and defective utensils is still apparent and the deterioration of equipment generally is more noticeable than ever before.

Carcases Inspected and Condemned.

The practice of examining all animals slaughtered in the district, whether for home consumption or by reason of injury or illness, was continued.

	Calves.	Sheep and Lambs.	Pigs.	Goats.
<i>Number Inspected</i>	1	5	125	116
<i>All Diseases except Tuberculosis.</i>				
Whole Carcasses condemned	...	—	—	—
Carcasses of which some part or organ was condemned	...	—	1	—
Percentage of number inspected affected with diseases other than Tuberculosis	—	—	0.8	—
<i>Tuberculosis Only.</i>				
Whole carcases condemned	...	—	—	—
Carcasses of which some part or organ was condemned	...	—	3	—
Percentage of number inspected affected with Tuberculosis	...	—	2.4	—

Details of Foodstuffs found unfit for Human Consumption.

Description.	No. of Containers.	Weight.
Meat and Meat Products	219	564 lbs.
Fish	262	194 "
Vegetables	359	381 "
Fruit	23	46 "
Preserves	85	111 "
Milk	663	599 "
Miscellaneous	163	135 "

Other Foodstuffs.

178 lbs. Sugar	70 lbs. Pork
4 " Toffee Dates	126 " Beef
46 " Flour	72 " Sausage
43 " Oatmeal	18 " Bacon
8 " Cake Mixture	70 " Haddock
10 " Cake	224 " Herrings
9 " Custard Powder	42 " Plaice
56 " Dates	18 " Pork Pies
42 " Dried Egg	40 " Skinned Rabbit
756 " Ice-cream Powder	72 " Meat Cubes
34 " Barley Flakes	7 " Cornflour
22 blocks Chocolate	

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

INCIDENCE OF INFECTIOUS DISEASES during the different Months.

Scabies.

Details are shown below of the number of persons given benzyl benzoate treatment by the District Nurses and a former member of the Civil Defence organisation either at the cleansing station in the Council Depot or at the patients' home, actual cases receiving two applications of benzyl benzoate and close contacts one.

No. of Applications	Under 5 years.		5-14 years.		Over 14 years.		Total Treated
	M	F	M	F	M	F	
1	0	3	0	1	1	0	5
2	4	1	12	16	24	32	89

DIPHTHERIA PROPHYLAXIS.

Number of children under 15 who completed the full course of immunisation during the year } 145

Number of children under 15 who received reinforcing dose during the year. } 59

I. IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of Children who had completed a full course of Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 <i>i.e.</i> Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	9	106	124	141	140	699	671	1890
Estimated mid-year population 1946			849			1650		

Insulin.

During 1946 seven persons were supplied with Insulin free of cost.

Ware Urban District.

WATER SUPPLY.

The new Pumps installed at the Lower Waterworks Pumping Station consist of electrically operated vertical spindle bore-hole pumps in duplicate, each capable of delivering 27,000 gallons per hour, with automatic control. A comprehensive Metering and Recording Panel was also fitted.

Bacteriological Examination of the Water Supply was satisfactory. Seventeen samples were taken. Three chemical analyses were made and proved satisfactory. No bacteriological examinations were made of the raw water.

The water from both wells is Chlorinated. It is estimated that only 0.6% of the properties in the district are not connected to the Town Supply.

DRAINAGE and SEWERAGE.

Practically the whole District is sewered.

The Sewage disposal Farm is situated at Rye House, about $3\frac{1}{2}$ miles S.S.E. of Ware, and practically adjoining the Hoddesdon Urban District Boundary, and is within the Ware Rural District.

Distribution of sewage is carried out by means of overhead concrete troughs, from which the sewage flow can be discharged at various points as desired.

The drainage from the boundary ditches passes under the River Stort and enters the River Lee.

PUBLIC CLEANSING.

Refuse and salvage collections are made separately at weekly intervals and disposed of by controlled tipping at Amwell End.

PARTICULARS OF SANITARY INSPECTOR'S WORK.

	<i>Summary of Visits.</i>						<i>Number.</i>
Slaughterhouses	242
Food Premises	108
Milk Sampling	33
To Laboratory	25
Cowsheds and Dairies	20

	<i>Summary of Visits.</i>						<i>Number.</i>
Bakehouses	8
Sewers and Drains	145
Closet Accommodation	74
Sanitary Fittings	14
Water Supply	13
Sundry Nuisances	127
Smoke Nuisances	7
Infectious Diseases (including 7 small pox contacts)	21
Scabies	12
Verminous Premises and Articles	50
Rats and Mice	5
Housing	87
Factories	7
Shops Act	7
Barbers and Hairdressers	2
							1,007

The majority of the work carried out at the request of the department was done by owners without the service of Statutory Notices, but it was necessary to serve ten Statutory Notices.

Public Health Act, 1936.

Sewers and Drains.

Sewers (private).

		No.	Visits.
(1)	Examined and obstructions removed	4	6
(2)	Partly renewed and smoke-tested ...	1	3
(3)	Provided for seven houses ...	1	14
(4)	Smoke-tested and found defective ...	1	1
(5)	Inspection chamber provided ...	1	2
(6)	Vent shaft defective ...	1	4
(7)	Taking levels ...	1	1

Sewers (public).

(1)	Examined, levels taken, obstruction removed and amended ...	2	13
(2)	Nuisance reported and abated ...	3	6
(3)	Culvert, watercourse, nuisance reported, not confirmed ...	1	3
(4)	Watercourses examined, no nuisance	2	4

Drains.

(1)	Examined and obstructions removed	5	11
(2)	Surface water renewed	1	3
(3)	Examined, no defect found	1	3
(4)	Iron provided, and smoke-tested ...	2	3
(5)	Ventilated	1	3
(6)	Repaired or amended... ...	3	11
(7)	Inspection chamber provided ...	1	2
(8)	Smoke-tested	3	3
(9)	Smoke-tested and found faulty ...	1	0
(10)	Basements, gardens flooded by storm water when sewer surcharged ...	4	18
(11)	Branch drains provided for sinks ...	1	3
(12)	Taking levels	2	2
(13)	Cesspool emptying	4	4
(14)	Sundry visits re drainage	3	4
(15)	Meeting owners, builders, etc. ...	0	18

*Closet Accommodation.**Section 44.*

Pail Closets—prejudicial to health and cannot without reconstruction be put into a satisfactory condition	16	16
Pail Closets—slightly below byelaw standard (Owners have been requested to provide proper Water Closets).	2	2
Water Closets inspected and found satisfactory	10	10
Water Closet Apartments, pans and cisterns, reconstructed	2	4
Water Closet Pan renewed (Statutory action)	2	4
Water Closets, repaired, renewed and cleansed	11	22
Water Closets, Flush Pipes, Cisterns, Buckets, renewed and adjusted	6	8
Water Closet and Urinal floors concreted ...	2	4
Meeting Owners	0	4

Sanitary Fittings.

Sinks renewed	1	2
Sinks provided	10	10
Sink wastes renewed	2	2
Lavatory basin renewed	1	0

Water Supply.

No. of houses provided with internal water supply	10	4
Water service pipes renewed... ...	2	4
Complaints as to water supply	3	5

Nuisances and Sundry Repairs.

Walls cleansed (rooms)	...	...	...	18	7
Ceilings repaired	...	...	...	2	2
Ceilings lined and whitened	...	...	...	4	1
Roof repaired	...	...	...	16	25
Roof reconstructed	...	...	...	1	2
Gutters repaired	...	...	...	3	4
Gutter valley repaired	...	...	...	1	2
Gutters renewed	...	...	...	1	2
Rain-water hopper renewed	...	...	...	1	2
Down-pipe repaired and renewed	...	...	...	3	2
Floor repaired and concreted	...	...	...	3	5
Window casement repaired	...	...	...	2	3
Grate renewed	...	...	...	2	4
Kitchen range repaired	...	...	...	2	4
Flue access door provided	...	...	...	1	2
Window sill provided	...	...	...	1	2
Brick walls repointed	...	...	...	1	1
Washing copper renewed	...	...	...	1	2
Chimney pot scraped, stack repaired and rebuilt	...	...	...	3	4
Dustbins renewed	...	...	...	5	8
Sundry repairs	...	...	...	4	8
Meeting owners, re licences, etc.	...	...	—	—	10
No nuisance	...	...	...	5	6
Offensive accumulations removed	...	...	...	5	10
Complaints re refuse disposal	...	...	...	1	2
Refuse disposal tip. (No nuisance)	...	...	...	2	2
Animals kept so as to be a nuisance. (Nuisance abated)	...	...	...	2	5
Complaints received	...	...	...	180	

Smoke Nuisances.

Number of complaints	...	...	...	2	7
In both instances the nuisance was abated.					

Houses disinfested (Sprayed with "Zaldecide") for Bugs.

Council Houses	...	...	...	2	6
Privately owned	...	...	...	2	6

Verminous Articles.

Bedding steamed (houses)	4	2
--------------------------	-----	-----	-----	---	---

Houses disinfested.

Granary Weevil	1	2
----------------	-----	-----	-----	---	---

HOUSING.*Overcrowding and abatement of.*

Overcrowded houses. (Reported 1946) ...	4	—
Not overcrowded	6	—
Overcrowding abated	9	—
Number of visits re overcrowding	—	48
Housing Recorded, Inspections.	7	7
Housing inspected, (re repairs and improvements)	23	30

*Housing Progress.**Private Enterprise.*

Houses erected by 31st December, 1946 ...	2	
---	---	--

Council.

Permanent houses erected by 31st December, on Vineyard Estate. 3 bedroom type.	4	
--	---	--

Requisitioned.

Houses	1	
----------------------------	---	--

Rats and Mice Destruction.

Number of visits	—	5
Complaints passed to County Pests Officer	11	—

Shops Act, 1934.

Closet accommodation required	1	7
---------------------------------------	---	---

Factories Act, 1937.

Visits to Factories with mechanical power	—	7
---	---	---

Sanitary Conveniences (Section 7).

Intervening Ventilated Space provided ...	1	—
W.C. cleansing effected	1	—
Insufficient sanitary conveniences	1	—
(To be dealt with when new factory premises erected).		

INSPECTION AND SUPERVISION OF FOOD.*Milk and Dairies.*

Number of routine visits to cowsheds ...	...	...	9
" " " dairies ...	...	...	10
Meeting occupiers, etc. ... ... ...	...	...	1
Number of visits for sampling purposes ...	...	...	33
" " to laboratory with samples ...	...	...	22

The H.T.S.T. plant at Messrs. Allen and Hanbury's continues to give excellent results, and no faulty samples have been recorded since its installation in 1942.

Attention is again directed to the unsatisfactory samples obtained of T.T. milk coming into the district. Eight samples taken ex-churns as received at the creamery from one producer were unsatisfactory and did not satisfy the prescribed tests. The milk from this producer no longer comes into the district, but the attention of the proper authorities was drawn to this producer's record, which was first adversely commented upon by the creamery's bacteriologist.

Another unsatisfactory producer, whose record was rather bad, (official and creamery samplings being unsatisfactory), was stated to be without a churn steaming stool for re-sterilising churns, and this was thought to be the chief cause of the failures.

Two complaints from other districts as to Tuberculin Tested milk bottled at the creamery were traced to the latter producer. One complaint from a third district relating to T.T. Pasteurised milk was most probably due to a bottling fault when a new bottle washer was installed, but a later investigation proved this to be a transitory fault.

A resolution of the Council was sent to the Herts. County Council to the effect that steps should be taken to require producers of Tuberculin Tested milk to cool it efficiently before delivery to the creamery by means of refrigeration methods, as it has been found that during the summer months the retail distribution of this grade of milk would be virtually impossible without considerable souring unless heat treated.

The unsatisfactory supplies of Pasteurised bottled milk were undoubtedly due to the faults in handling by the retailers who purchased the milk in bulk from the creamery.

Samples of Milk taken at Wholesaler's Premises.

	In Churns.		Bottled.	
	Passed.	Failed.	Passed.	Failed.
Pasteurised	30	—	—	—
Tuberculin Tested (Pasteurised)	—	—	4	—
Tuberculin Tested	—	9	9	5

*Samples of Milk taken from Retailers during course
of delivery to consumer.*

	Bottled.	
	Passed.	Failed.
Pasteurised	7	2
Accredited	—	1*

*Taken from a producer retailer.

Summary of Milk Tests.

	Resazurin.		Plate Count.		Phosphatase.	
	Passed	Failed	Passed	Failed	Passed	Failed
1. Pasteurised	30	—	7	—	30	—
2. Tuberculin Tested (Pasteurised)	4	—			4	—
3. Tuberculin Tested						
4. Pasteurised	7	2			9	—
5. Accredited						
	<hr/> 41	<hr/> 2	<hr/> 7	<hr/> —	<hr/> 43	<hr/> —

	Reductase		Nature of Test.	
	Passed	Failed	Coliform	Place sampled etc.
1. Pasteurised			2	— Wholesalers premises
2. Tuberculin Tested (Pasteurised)				"
3. Tuberculin Tested	18	5	9	14
4. Pasteurised				During course of delivery by retailer during course of delivery by producer
5. Accredited	<hr/> —	<hr/> 1	<hr/> —	<hr/> 15
	<hr/> 18	<hr/> 6	<hr/> 11	<hr/> 15

Meat Inspection at Central Slaughterhouse.

Number of visits to Central Slaughterhouse	...	241
,, Bank Holiday visits	...	1
,, visits to Laboratory with specimens	...	3

Particulars of the incidence of disease found in animals is given in Table A. About 18.3 tons of meat and offals (excluding tripe, intestines and trimmings) were condemned during the year.

During the past seven years the Sanitary Inspector has inspected every carcase by devoting many hours of over-time to attendance at the Slaughterhouse. Owing to illness in the autumn and acting on medical advice this 100% inspection will have to be discontinued until he can be given assistance.

Table A.

	Cattle excluding cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number Slaughtered ...	2,542	807	1,660	5,148	788
Number Inspected ...	1,897	581	1,163	3,407	587
<i>All Diseases Except Tuberculosis.</i>					
Whole Carcasses condemned ...	5	3	20	12	14
Carcasses of which some part or organ was condemned ...	621	231	12	81	62
Percentage of the number inspected affected with disease other than tuberculosis ...	32.94	40.27	2.74	2.72	12.95
<i>Tuberculosis Only.</i>					
Whole Carcasses condemned ...	5	11	—	—	5
Carcasses of which some part or organ was condemned ...	143	177	1	—	5
Percentage of the number inspected affected with tuberculosis ...	7.8	32.35	0.08	—	1.7

Other Foods.

Number of visits to Food Premises 108

The following items were examined and condemned or salvaged.

Items Condemned.

Tinned or Packed Goods ...	Blown, leakers, etc.	187
Corned Beef ...	Decomposition	318 lbs.
Pork Luncheon Meat ...	"	2½ lbs.
Sausages ...	"	24 lbs.
Eggs ...	Bad, mouldy	50 lbs.
Oranges ...	"	148 lbs.
Lemons ...	"	35 lbs.
Dates ...	"	2½ lbs.

Oats	...	...	...	Contaminated by mice	140	lbs.
Sugar	...	...	...	," dye	5	lbs.
Sweets, Chocolate	...	...	,"	mice	11	lbs.
Smoked Fillets	...	...	Decomposition		364	lbs.
Kippers	...	...	,"		518	lbs.
Herrings	...	...	,"		112	lbs.
Shrimps	...	...	,"		14	gals.
Pearl Barley	...	...	Weevil		16	lbs.
192 x 8 oz Sponge Mixture	...	Contaminated by disinfectant in transit			96	lbs.
26 x 8 oz Semolina	...				13	lbs.

Salvaged.

Butter	...	...	...	Rancidity	73 $\frac{3}{4}$	lbs.
Oatmeal	...	...	...	Damaged in transit	70 $\frac{1}{2}$	lbs.
Bread 143 x 30 oz.	...	...	Stale		268	lbs.
Bread 123 x 15 oz.	...	...	,"		115	lbs.
Bacon	...	...	...	Decomposition	3	lbs.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

INCIDENCE OF INFECTIOUS DISEASES during the different
Months.

Scabies.

The following cases were treated at the Scabies Treatment Centre in the Council's yard (87, High Street) :—

Women and children by the District Nursing Association, Men by a Council Employee (who is also a member of St. John's Ambulance Association.)

Children under 14 years of age		Total	
Cases	Contacts	Cases	Contacts
Boys 2 (Contacts 4)	Girls 2 (Contacts 3)	4	7
Adults			
Men 6 (Contacts 2)	Women 8 (Contacts 2)	14	4
		18	11
Cases treated at home	-	-	2

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
a full course of Immunisation during 1946 ... } 130

Number of Children under 15 who had received }
re-inforcing dose } 18

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 <i>i.e.</i> Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	2	136	157	86	43	336	583	1342
Estimated mid-year population 1946		616				1160		

Sawbridgeworth Urban District.

WATER.

The town is supplied by the Herts and Essex Waterworks Company from their deep wells in Redrick Lane. 93% of the houses have a constant supply from the waterworks. The remaining 7% in the Village of Spellbrook obtain their water from shallow wells. Spellbrook Public well continues to be chlorinated each day and no samples of water, analysed monthly, were found to be unsatisfactory.

SEWERAGE.

At the Central Disposal Works the sewage is disposed of by the sedimentation and bacteria bed process, the effluent eventually entering the River Stort.

The South Sewerage Disposal Works is a temporary plant consisting of septic tanks with land irrigation and will be converted to a more modern system when facilities are available.

PUBLIC CLEANSING.

Refuse is collected alternate weeks and affixed near the Central Sewerage Works.

SANITARY INSPECTOR'S REPORT for the Year ending 31st December, 1946.

Inspections.

Dwelling Houses Inspected	...	...	...	67
Re-inspections and Visits	...	...	...	23
General Inspections	...	...	...	6
Visits re cases of Infectious diseases	...	...	...	4
Disinfections	...	...	...	9
Complaints Investigated (and settled)	...	...	...	1
Moveable Dwellings Inspected	...	...	...	2
Registered and Licences Food Premises Inspected	...	...	...	5
Shops (Meat stores and Fish)	...	...	...	2
Water Samples Taken	...	...	...	7
No. of visits to shops for condemning food	...	...	...	11

Total number of visits: 137

Food Condemned.

<i>Category</i>			<i>No. of tins</i>	<i>Weight lbs</i>
Meats (tinned)	...	...	16	14
Fish (tinned)	...	...	40	24.6
Milk (tinned)	...	...	52	47.4
Miscellaneous tinned Foods			26	18
Miscellaneous dry Foods	...	...		182
Fish (wet)	...	..		42
Meat	...	...		68
			<u>134</u>	<u>say 396 lbs.</u>

HOUSING PROGRESS.**PUBLIC AUTHORITY.**

Houses erected by 31st December, 1946 10
 Type, Uniseco Prefab. Temporary Bungalows.

PRIVATE ENTERPRISE.

Houses erected by 31st December, 1946 9
 Type, 3 bedrooms, 2 living rooms and bathroom.

Requisitioned.

Cottages 4

Rebuilt.

Bomb damaged houses 2

Squatters.

Some 40 families at old Sawbridgeworth Aerodrome.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

INCIDENCE OF INFECTIOUS DISEASES during the different
Months.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed }
a full course of Immunisation during 1946 ... } 66

Number of Children under 15 who had received }
re-inforcing dose } 9

Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 <i>i.e.</i> Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	0	21	38	41	45	158	243	546
Estimated mid-year population 1946		238				475		

Ware Rural District.

WATER SUPPLIES.

The main water supply is obtained from two boreholes, 450 feet deep at the Pumping Station at Puckeridge. The water is pumped to a tower at Old Hall Green. The Metropolitan Water Board area of supply includes the Parishes of Great Amwell and Stanstead St. Margarets. Apart from these, mains pass through each Parish with the exception of Eastwick and Gilston, and a scheme has been prepared for the extension of mains to cover this area. The water is hard and of good bacteriological standard. The water is chlorinated. Samples have been taken from time to time from the piped supply and bacteriological examinations made have shown the water to be satisfactory. The sufficiency is not in doubt. Over three quarters of the total dwelling houses in the district have a piped supply. 210 new connections were made in 1946.

Of the private supplies throughout the district approximately two-thirds are deep wells or boreholes and one-third are shallow wells.

The parishes of Gilston and Eastwick are at present supplied partly by private wells and partly by a private piped water supply.

DRAINAGE AND SEWERAGE.

Standon and Puckeridge are sewered and gravitate to a pumping station in Paper Mill Lane, Standon, from which the sewage is raised to a disposal works south of the village.

High Cross and Wadesmill, Great Amwell, St. Margarets and Stanstead Abbotts are drained to pumping stations from which the sewage is raised to join the Ware Urban District sewers.

Part of the village of Hertford Heath is in the Great Amwell parish and is sewered by agreement to disposal works in the Hertford Rural District.

A scheme has been prepared and approved for the sewerage of Wareside, Widford and Hunsdon and it is anticipated that works will be undertaken in the near future. The works have been designed to take the sewerage from Little Hadham and Much Hadham in the Braughton Rural District.

Six sewer connections were made during 1946.

PUBLIC CLEANSING.

Cesspools for private residents were emptied three times per year free of charge and on other occasions by request at a nominal charge. There are over 600 cesspools in the area. Pails are emptied once a week from cottages not connected with the sewer. House refuse is collected fortnightly in a covered conveyance and disposed of by tipping at Standon and St. Margarets.

HOUSING.

Rural Housing Survey.

Inspection of the 2098 cottages in the District had not been commenced by the end of the year owing to the illness and subsequent resignation of the Sanitary Inspector.

Housing Progress.

Houses built by Private Enterprise	-	2
,, ,, Local Authority	-	0

INSPECTION AND SUPERVISION OF FOOD.

The following foods were found to be unfit for human consumption and were surrendered:—

10½ st. Dry Fillet of Cod	1½ st. Halibut
30 lbs. Bacon	14 lbs Dates
1¾ cwt. Flour	16 lbs. Pearl Barley
224 lbs. Rolled Oats	390 lbs. Malt
33 lbs. Cake	
96 Tins of food (including Meat, Pilchards, Salmon, Sardines, Beans, Peas, Soup, Jam, Milk, etc., etc.)	
	approximately 106 lbs.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

INCIDENCE OF INFECTIOUS DISEASES during the different Months.

			Scarlet Fever	Measles	Whooping Ch.	Acute P.M.	Pneumonia	Cerebro-Spinal M
Eastwick	...	...	...	...	1	...	...	...
Gilston	...	...	...	1	5	...	...	...
Great Amwell	...	...	1	1	5	1	...	...
Great Munden	...	...	...	...	24	...	...	...
Little Munden	...	...	...	1	...	...	1	...
Hunsdon	...	...	1	23	1	...	1	...
Standon	...	...	3	5	52	...	4	...
Stanstead Abbots	...	...	...	3	1	...	1	...
St. Margarets	...	...	...	...	1	...	...	...
Thundridge	...	...	2	...	4	...	...	...
Ware Rural	...	...	...	1	...	...	...	...
Widford	...	...	...	7	2	...	2	...
Easneye	...	...	...	...	2	...	...	...
Round House	...	...	...	...	11	...	...	...
Non-Civilian	...	...	...	...	...	...	1	...

Scabies Order, 1941.

Cases were treated by neighbouring Authorities as follows:--

8 Cases were treated by the Ware Urban District Council.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed a full course of Immunisation during 1946 ... 152

Number of Children under 15 who had received re-inforcing dose 74

Number of Children who had completed the full course of Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 i.e. Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	1	86	94	84	77	484	504	1330
Estimated mid-year population 1946			784				1400	

Braughing Rural District.

WATER SUPPLIES.

The Northern part of the District is supplied from two deep bore-holes at Chipping, from which water is pumped to a water tower at Throcking and to a reservoir at Buntingford; while the southern part of the district is supplied from Much Hadham, augmented by a supply from the Ware Rural District which is pumped to a water tower at Albury to serve the parishes of Braughing, Albury and the higher parts of Little and Much Hadham. All the water is chlorinated.

The Buntingford Waterworks are available as a standby.

It is estimated that the mains now supply 75% of the District.

DRAINAGE AND SEWERAGE.

No alteration took place to the Public Sewerage System.

PUBLIC CLEANSING.

Cesspool emptying services inaugurated at the beginning of the year.

Charge is only made if more than two emptyings are requested.

Scavenging.

A monthly collection of refuse in all parishes with the exception of Much Hadham and Buntingford where it is fortnightly.

HOUSING.

Rural Housing Survey.

Inspection of 502 of the 3275 cottages in the District was completed by the end of the year.

These houses were classified as follows:—

Category 1.	98.
2.	89.
3.	118.
4.	—
5.	197.

Details of classifications for each parish.

		1	2	3	4	Category.	5
Wyddial	...	...	—	12	—	14	
Aspenden	...	...	19	3	5	—	16
Anstey	...	...	—	20	12	—	31
Meesden	...	...	—	—	14	—	8
Albury	...	...	5	9	23	—	43
Buckland	...	...	39	11	10	—	13
Buntingford (part of)		31	47	52	—	32	
		94	90	128	—	157	

Inspections were made in other parishes but details obtained are, so far, too incomplete for classification.

Housing Progress.

No prefabricated Bungalows are being erected.

Traditional construction. (Brick).

Throcking 6 houses completed during the year.

Swedish Houses.

Cottered	...	...	...	10
Great Hormead	...	...	...	6

Private.

31 houses completed.

INSPECTION AND SUPERVISION OF FOOD.

The following foods were, upon inspection, found to be unfit for human consumption, and were surrendered:—

<i>Meat.</i>	<i>Beef</i>	-	-	65 lbs.
<i>Fish.</i>	<i>Smoked Cod Fillets</i>	2 boxes	(Reputedly 10 stone)	
<i>Canned or</i>				
<i>Packed Goods.</i>	<i>Corned Beef</i>	-	24 x 6 lbs.	-
	" "	-	14 x $\frac{3}{4}$ "	-
	<i>Corned Mutton</i>	-	2 x 6 "	-
	<i>Pilchards</i>	-	1 x 1 "	-
	<i>Sardines</i>	-	1 x $\frac{1}{4}$ "	-
	<i>Baked Beans</i>	-	2 x 1 "	-
	<i>Soup</i>	-	2 x A1T	-
	<i>Marmalade</i>	-	1 x 2 lbs.	-
	<i>Peas</i>	-	1 x 2 "	-
	<i>Carrots</i>	-	1 x $2\frac{1}{2}$ "	-
	<i>Sweet Pickle</i>	-	19 x 1 "	-
	<i>Condensed Milk</i>	-	2 x $1\frac{7}{8}$ pt.	-
	" "	-	1 x 14 oz.	-
				14 "
				<hr/>
			1 cwt.	88 lbs.
				$7\frac{1}{2}$ ozs.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

INCIDENCE OF INFECTIOUS DISEASES during the different
Months.

			Scarlet Fever		Measles		Whoop- ing Ch.		Acute P.M.		Pneu- monia		Cerebro- Spinal M.
Ardeley	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Aspenden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Albury	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
Anstey	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Buckland	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Buntingford	.....	.....	2	4	.....	.....	.....	.....	.....	1	.....	.....	.....
Braughing	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Cottered	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Furneaux Pelham	.....	.....	.....	19	1	.....	.....	.....	.....	.....	.....	.....	.....
Brent Pelham	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High Wych	.....	.....	.....	7	4	.....	.....	.....	.....	.....	.....	.....	.....
Hormead	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	1	.....	.....
Little Hadham	.....	.....	.....	13	1	.....	.....	.....	.....	.....	.....	.....	.....
Much Hadham	.....	.....	.....	8	5	.....	.....	.....	.....	1	.....	.....	.....
Thorley	.....	.....	1	3	11	.....	.....	.....	.....	.....	.....	.....	.....
Westmill	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyddial	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meesden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stocking Pelham	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
			3	74	26	.....	.....	.....	4	1			

Scabies.

During the year, one woman, one man and two children received Benzyl Benzoate treatment at the Scabies Treatment Centre, Bridgefoot House, Buntingford.

DIPHTHERIA PROPHYLAXIS.

Number of Children under 15 who had completed a full course of Immunisation during 1946 ... } 109

Number of Children under 15 who had received a re-inforcing dose } 5

Number of Children who had completed the full course of Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 i.e. Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	13	54	55	92	91	247	308	860
Estimated mid-year population 1946				681			1260	1941

Insulin.

1 Resident was provided with Insulin and the local Authority paid all the cost.

Hertford Rural District.

WATER.

Piped supplies have been taken into 29 houses which formerly relied on public standpipes or wells. In one instance, the Council paid for the cost of taking the piped supply to within a reasonable distance of the house and the owner for taking the water into the house. In the case of 16 other houses, which had depended on public standpipes, the owner laid services into the yards of the houses.

Quarterly samples from the Council's two water pumping stations were again taken for bacteriological examination and reported satisfactory.

SANITARY CIRCUMSTANCES.

Eight W.C.'s were substituted for pail closets; two privy pits were converted to pails, and sinks were provided in eight houses previously without them.

Disinfestation was carried out at three houses because of bugs and at two where fleas had caused trouble. An insecticide liquid containing D.D.T. proved effective.

Two lengths of sewer of insufficient diameter have been relaid at Tewin.

HOUSING.

The completion of war damage repairs and preparatory work in connection with the Council's housing schemes, combined with the licensing of building works, has prevented a serious start on the survey of rural houses.

Class 1 (fit)	...	...	...	...	...	1
Class 2 (requiring minor repairs)	...	...	...	...	11	
Class 3 (requiring structural work)	...	...	...	...	42	
Class 5 (beyond repair at reasonable cost)	...	...	...	...	21	

Towards the end of the year, a "Nissen" corrugated iron hut, formerly used as part of a searchlight station, was found to be occupied by a man, his wife and four children all under five years of age. The Council has provided them with a second-hand portable range on easy terms.

Housing Progress.

Inspection of 75 of the 1,704 cottages in the district had been completed. The houses were classified as follows:—

Category 1	...	1	Category 5	...	21
„	2	...	11		—
„	3	...	42		75
„	4	...	—		—

Houses completed during the year:—

Private enterprise	6	Local Authority (Bramfield)	6
--------------------	---	-----------------------------	---

INSPECTION AND SUPERVISION OF FOOD.*Unsound Food.*

On seven occasions, small quantities of unsound food were surrendered as unfit and destroyed or used for purposes other than for human consumption.

Milk & Dairies Orders.

Six cowsheds have been reconditioned; one new retail dairy has been built and the dairy accommodation at three farms has been improved.

Samples of milks in respect of which the Council is the licensing authority have been taken with the results stated below:—

Pasteurised Milk	⋮	⋮	⋮	7	passed
	⋮	⋮	⋮	1	failed
Tuberculin Tested Milk	⋮	⋮	⋮	8	passed
bottled at dairies	⋮	⋮	⋮	1	failed

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND
OTHER DISEASES.

NOTIFIABLE DISEASES.

		TOTAL	Under	1-5	5-14	14-21	21-65	over 65	Admitted	Deaths
			1 year	years	years	years	years	years	to Hospital	
Small-pox	....	0	....	....	....	....	....	....	....	....
Diphtheria	....	0	....	....	....	....	....	....	....	....
Scarlet Fever	....	9	....	2	1	5	....	1	9	....
Erysipelas	....	0	....	....	....	....	....	....	....	....
Enteric Fever	....	0	....	....	....	....	....	....	....	....
Cerebro-spinal Meningitis	1	1	....	....	....	1	....	....	....	....
Acute Polio-myelitis	1	1	....	....	1	....	....	....	....	....
Ophthalmia Neonatorum	0	0	....	....	....	....	....	....	....	....
Puerperal Pyrexia	0	0	....	....	....	....	....	....	....	....
Dysentery (Sonne)	0	0	....	....	....	....	....	....	....	....
Acute primary Pneumonia	4	4	....	....	4	2	2	....	....	....
Measles	....	4	....	....	....	....	....	....	....	....
Whooping Cough	11	3	1	4	1	....	....	2	2	....
Jaundice (Hepatitis)	1	1	....	....	....	....	....	....	....	....
Para-Typhoid	0	0	....	....	....	....	....	....	....	....

INCIDENCE OF INFECTIOUS DISEASES during the different
Months.

	January	February	March	April	May	June	July	August	September	October	November	December
Scarlet Fever	1	2	4	....	....	2	....	....	....	....	....	....
Measles	2	1	....	....	....	....	....	1	....	....	....	....
Whooping Cough	1	2	....	....	2	3	....	3	....	....	....	....
Acute Poliomyelitis	....	....	....	....	....	....	....	1	....	....	....	....
Pneumonia	2	1	....	....	....	....	....	....	....	....	....	1
Cerebro-Spinal Meningitis	....	....	....	....	....	....	....	1	....	....	....	....

		Scarlet Fever	Measles	Whooping Ch.	Acute P.M.	Pneumonia	Cerebro-Spinal M.
Aston
Bayford	1	....	....	....
Benington	2	....	....	....
Bengeo Rural	2	....
Bramfield	1	....	....
Brickendon Liberty
Datchworth	2	1	....	....
Hertingfordbury
Little Amwell	1	....	1
Little Berkhamstead	1	....	....	....	....
Sacombe
Stapleford	3	....	....
Tewin	3	....	....	....	....
Walkern	2	....	1
Watton-at-Stone	1	1	1
Woodcock Residential Nursery, L. Berk'stad
Heathmount School, Woodhall Park

Scabies Order, 1941.

Cases were treated by neighbouring authorities as follows:—

Hertford Borough 3 Children.

DIPHTHERIA PROPHYLAXIS.Number of Children under 15 who had completed
a full course of Immunisation during 1946 135Number of Children under 15 who had received
re-inforcing dose 56Number of Children who had completed the full course of
Immunisation at any time up to 31st December, 1946.

Age at 31/12/46 <i>i.e.</i> Born in year	Under 1 1946	1 1945	2 1944	3 1943	4 1942	5 to 9 1937-41	10 to 14 1932-36	Total under 15
Number Immunised	1	68	102	116	57	245	272	861
Estimated mid-year population 1946			590			1090		

*Insulin.*One woman (resident in Hertingfordbury Parish) received free
Insulin.

